## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No.:

TREUSCH - 4

TITLE

Stepped Microchannel Heat Sink

Application No.: Filing Date: Group Art Unit:

Commissioner for Patents P. O. Box. 1450 Alexandria, VA 22313-1430

Attorney for Applicant Dated: September 19, 2003

## INFORMATION DISCLOSURE STATEMENT

Herewith the Information Disclosure Statement Pursuant to 37 CFR 1.98. Copies of the cited documents are enclosed.

Class	Assignee	Inventor	Date	Number
372/35	Jen Optik	Lorenzon	11/12/2002	6480514
385/88	Nuvonyx	Zediker	11/06/2001	6312166
372/36	Coherent	Nightingale	05/08/2001	6229831
372/36	Opto Power	Brown	11/16/1999	5987043
372/36	SDL	Huden	12/08/1998	5848083
372/50	McDonnell Douglas	Heidel	05/18/1993	5212707
1	Applied Solar Energy	Wagner	04/21/1992	5107091
372/35	US DOE	Mundinger	04/14/1992	5105430
165/80. 4	MIT	Walpole	03/31/1992	5099910
357/82	US DOE	Bonde	03/24/1992	5099311
165.160	McDonnell Douglas	Lapinski	04/09/1991	5005640
361/386	Sunstrand	Bland	01/15/1985	4494171
165/122	US DOD	Dawson	08/24/1982	4345643
	372/35 385/88 372/36 372/36 372/36 372/50 372/50 4 357/82 165/80. 4 357/82 165.160 361/386	Jen Optik       372/35         Nuvonyx       385/88         Coherent       372/36         Opto Power       372/36         SDL       372/36         McDonnell Douglas       372/50         Applied Solar Energy       US DOE       372/35         MIT       165/80.       4         US DOE       357/82         McDonnell Douglas       165.160         Sunstrand       361/386	Lorenzon         Jen Optik         372/35           Zediker         Nuvonyx         385/88           Nightingale         Coherent         372/36           Brown         Opto Power         372/36           Huden         SDL         372/36           Heidel         McDonnell Douglas         372/36           Wagner         Applied Solar Energy           Mundinger         US DOE         372/35           Walpole         MIT         165/80.           4         Bonde         US DOE         357/82           Lapinski         McDonnell Douglas         165.160           Bland         Sunstrand         361/386	11/12/2002         Lorenzon         Jen Optik         372/35           11/06/2001         Zediker         Nuvonyx         385/88           05/08/2001         Nightingale         Coherent         372/36           11/16/1999         Brown         Opto Power         372/36           12/08/1998         Huden         SDL         372/36           05/18/1993         Heidel         McDonnell Douglas         372/50           04/21/1992         Wagner         Applied Solar Energy           04/14/1992         Mundinger         US DOE         372/35           03/31/1992         Walpole         MIT         165/80.           03/24/1992         Bonde         US DOE         357/82           04/09/1991         Lapinski         McDonnell Douglas         165.160           01/15/1985         Bland         Sunstrand         361/386

DE 2153969 5/1973 Stepped heat sink	
JP 4-264789 9/1992 Stepped heat sink	
Respectfully,	
Howard R. Popper Reg. No. 19,208	Examiner: